

# INTERNATIONAL SEARCH REPORT

International Application No.  
PC 1 / JP2005/002086

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/46 H04L12/40 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/169769 A1 (HO JIN-MENG ET AL) 11 September 2003 (2003-09-11) abstract paragraphs '0015!, '0027!, '0041! - '0046!; figure 6	1-23
X	US 6 665 313 B1 (CHANG HOON ET AL) 16 December 2003 (2003-12-16) abstract column 3, line 3 - line 15 column 6, line 6 - column 7, line 23; figures 5-10	1-23
X	US 2003/210673 A1 (NISHIMURA TAKUYA) 13 November 2003 (2003-11-13) abstract; claims 1-3; figures 2-6 paragraph '0069!	1,8, 15-17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

20 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/235197 A1 (WENTINK MAARTEN MENZO) 25 December 2003 (2003-12-25) abstract paragraphs '0002! - '0017!, '0046! - '0070!; claims 1,2; figures 4-9	1,8, 15-17
X	WO 03/071744 A (MOTOROLA INC; DOYLE, JOHN; LOGAN, JOHN; ROHLER, MICHAEL; PICKERING,) 28 August 2003 (2003-08-28) abstract; claims 1,2; figures 1-4	15,16

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Information on patent family members

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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